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ABSTRACT

A survey was conducted in Spring 1981 of the 1,534 continuing Kapiolani Community College students who had entered the college during Fall 1980. The survey instrument solicited information concerning: (1) student employment; (2) knowledge of procedures and requirements; (3) evaluation of students' college experiences; (4) evaluation of student services; and (5) evaluation of instructional services and academic support. Major findings, based on 1,054 responses, reveal that 70% of the students were employed, though only 18% had jobs closely related to their studies. At least two-thirds of the students knew about procedures and requirements related to graduation, transfer of courses, and the use of self-advising materials. The majority of the respondents said they were "satisfied" or "very satisfied" with their college experiences. Responses to items related to student services indicated that over one-third did not know about seven of the 11 specific services. The most commonly used student services were the career resources library and the tutorial program. Generally, students had positive evaluations of courses, grading and academic standards, equipment and facilities, and the library. The report includes tables comparing responses by placement test scores, grade point average, program area, sex, and Fall 1980 enrollment status. The questionnaire and raw response data are appended. (JP)

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ED200282

RESPONSES OF FALL 1980 ENTERING STUDENTS SPRING 1981 CONTINUING STUDENT SURVEY

Report 11

Student Flow Program

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March 1981

Office of the Provost
Kapiolani Community College
University of Hawaii
Honolulu, Hawaii

JC 810 203

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A. Introduction

As part of the AIDP evaluation effort, it was decided that more data about programs and services offered at Kapiolani be collected by surveying continuing students.[1] The Spring 1981 Continuing Student Survey is basically similar to the instrument administered during the Spring 1980 registration period. (See Appendix A for a copy of the survey.)

Based upon our Spring 1980 experience, as reported in "Responses of Fall 1979 Entering Students, Spring 1980 Continuing Student Survey" (KSFP Report No. 4), changes were made to the instrument and plan for analysis. It was also decided that the survey would again be conducted during the registration period, which allowed access to most continuing students (including late registrants) at the least possible cost to the institution. Labels for potential continuing students, printed from Fall 1980 enrollment data, allowed "labeled" surveys to be placed in the appropriate registration packets. As continuing students registered on January 7 and 8, they received a survey, accompanied by explanatory note.

1. Purposes

There were three basic purposes for undertaking the Spring 1981 Continuing Student Survey:

a. to access student satisfaction levels with various aspects of the college and its services.

b. to compare the responses of continuing students who entered Kapiolani in Fall 1980 and students who entered in other semesters.[2]

c. to summarize the responses of Fall 1980 entering students only so as to focus on student evaluations of their first semester at Kapiolani.

2. Plan for Analysis

Since the continuing students were to be contacted at the time of their registration, we hoped for a return rate of between 85 and 90 percent.

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[1] Some data were already available to KCC personnel through reports from the U.H. system's Student Flow Project, directed by Mildred D. Kosaki, from Fall 1975 to June 1978, and from the administration of the Spring 1980 Continuing Student Survey.

[2] These comparisons were summarized in a companion report (not part of the Student Flow Project).

We planned to analyze the returns from Fall 1980 entering students for representativeness, i.e., comparison between respondents and non-respondents on the following characteristics: sex, age, enrollment status, cumulative grade point average, cumulative credit-completion ratio, organizational structure, math and English placement test results, and Fall 1980 entry (new or transfer) status. Responses would be summarized in terms of the following characteristics: organizational structure (major program) and Fall 1980 entry status and any of the preceding characteristics on which respondents were found to be representative of the total. Chi-square analysis was to be applied through the use of SPSS. Results are disregarded when more than one-fourth of the expected frequencies are under five.

After being processed by the institutional research staff, the surveys, without personal identifying information, would be distributed to administrative personnel (including department chairmen). It was hoped that they would find the comments of special interest.

3. Organization of Report

The rest of this report consists of the following sections:

- rate and representativeness of returns
- summary of findings in terms of five groups of items
- concluding comments
- details for all items, by program, in Appendix B

B. The Returns

The rate and representativeness of returns were based on the Spring 1981 preliminary enrollment data, i.e., registration data as of the third week of the semester.

1. Percentage of Returns

Of the 2,316 Fall 1980 entering students, 1,534 continued in Spring 1981; and 1,054 responded to the Spring 1981 Continuing Student Survey, for a return rate of 69 percent. While this return rate was higher than in Spring 1980 (50%), it was still disappointingly low for a survey administered and collected at registration.

2. Representativeness of Returns

Respondents did not differ significantly from non-respondents on the following characteristics: sex, cumulative grade point average, and English placement test scores. Details for these characteristics are available in the institutional research unit.

The data also show that there were 5 (out of 20) public service (legal assistant) students who responded to the survey. This should be borne in mind in interpreting the findings, which follow in the remainder of this report.

C. Findings

The responses of continuing students who entered Kapiolani in Fall 1980 are presented in five sections:

- employment experience of students
- student knowledge of procedures and requirements
- evaluation of KCC experience
- evaluation of student services
- evaluation of instructional services and academic support

1. Employment Experience

One item, with several parts, dealt with the employment of students during the current semester. Responses are summarized below:

1. Are you working this semester? (Total responses: 1,035)

17%	Yes, Full-Time
53%	Yes, Part-Time
29%	No

2b. How do you feel about this job? (Total responses: 686)

74%	Intend to continue
26%	Want to look for another

2c. Is your work related to your community college studies? (Total responses: 716)

18%	Closely related
34%	Somewhat related
49%	Not related

Overall, the large majority of students were working (70%) and intended to continue with their jobs (74%). Relatively a few (18%) found their jobs closely related to their community college studies.

Another portion of the question on employment, because of our interest in improving the course schedule, was worded: "This job makes it impossible for me to attend classes during these time periods." Responses summarized by days are given below:

COUNT / HOUR	DAY MONDAY 1	TUESDAY 2	WEDNESDAY 3	THURSDAY 4	FRIDAY 5	ROW TOTAL
1 7 30 - 10 20	167	159	162	156	161	805 15.1
2 10 10 - 1 20	158	149	157	147	154	765 14.4
3 1 30 - 3 20	201	195	192	189	199	976 18.4
4 3 30 - 5 20	290	281	288	279	289	1427 26.9
5 5 30 - LATER	272	262	273	262	272	1341 25.2
COLUMN TOTAL	1088 20.5	1046 19.7	1072 20.2	1033 19.4	1075 20.2	5314 100.0

On all days, the 3:30-5:20 block was indicated by the largest number of respondents as the time it is impossible to attend classes; 5:30-later block was a close second.

Responses summarized by time blocks and program are given below:

COUNT / TIME	ORGSTRC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC -HOPER 4	PUBLIC SERVICE 5	UNCLASSIFIED 6	ROW TOTAL
1 MWF 7 30-10 20	73	45	1	15	3	13	150 7.6
2 MWF 10 30-1 20	65	44	1	15	3	16	144 7.3
3 MWF 1 30-3 20	86	55	2	13	3	18	177 9.0
4 MWF 3 30-5 20	133	72	6	23	3	18	261 13.3
5 MWF 5 30-LATER	123	75	7	25	0	18	248 12.6
6 TTH 7 30-10 20	64	51	1	16	3	15	150 7.6
7 TTH 10 30-1 20	55	49	1	16	3	15	140 7.1
8 TTH 1 30-3 20	83	60	2	17	3	14	179 9.1
9 TTH 3 30-5 20	132	80	5	30	3	15	265 13.5
10 TTH 5 30-LATER	127	74	6	26	0	17	250 12.7
COLUMN TOTAL	942 48.0	605 30.8	32 1.6	202 10.3	24 1.2	159 8.1	1964 100.0

The higher number of responses fluctuated between the 3:30-5:20 and 5:30-later blocks by days (MWF vs TTh) and by program. The notable exception, as expected, was in the legal assistant program where no respondent indicated that it would be impossible to attend classes from 5:30-later.

Table 1 highlights the characteristics for which responses differed significantly. Most legal assisting majors (80%), contrasted with health majors (40%), are working this semester. Not unexpected was the higher proportion of legal assisting students (75%), contrasted with liberal arts majors (38%) and unclassified students (42%), who found their jobs "somewhat" or "closely" related to their community college studies.

TABLE 1

EMPLOYMENT EXPERIENCE
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
1. Are you working this semester?	***	**	*		*	1,035	71[c]	80% legal 73% transfer 75% male 75% Eng 100	40% health 70% Fall 1980 68% female 60% Eng 021
2b. How do you feel about this job?									
2c. Is your work related to your community college studies?	***			**			51[d]	75% legal 59% 3.5 & above	38% liberal arts 47% below 2.0

[a]Levels of significance, based upon chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

[c]Combined percent represents all students who answered "yes."

[d]Combined percent represents all students who answered "closely" and "somewhat related."

2. Student Knowledge of Procedures and Requirements

Students were asked to respond "yes" or "no" to six items dealing with their knowledge of various procedures and requirements (III [1-6])

Section III Items:	Total Responses	Yes	No
1. I saw my advisor during the past semester at times other than registration.	1,016	36%	64%
2. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	956	65%	35%
3. The college catalog is useful in learning about requirements, regulations, etc.	1,004	92%	9%
4. I know the graduation requirements for my major area of study.	999	77%	23%
5. There is adequate information on transfer of community college courses to four-year colleges.	978	72%	28%
6. Course descriptions generally are accurate.	999	90%	10%

The above data show that approximately two-thirds or more of the respondents, ranging from 92 percent (know the graduation requirements for my major) to 65 percent (Self-Advising Materials helpful, didn't need to see an advisor), positively rated five (of six) items. The exception was: "I saw my advisor during the past semester at times other than registration" (36%).

Responses to the items in Section III differed significantly by program (three) and English placement test score (one). These differences are illustrated in Table 2, which presents the range in "yes" responses.

TABLE 2

STUDENT KNOWLEDGE OF PROCEDURES AND REQUIREMENTS
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Items	Characteristic[a]					Total Responses	Yes Percent	Range[b]	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section III									
1. I saw my advisor during the past semester at times other than registration.	***				*	1,016	36	72% health 61% ELI 004	20% legal 29% Eng 100
2. The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	***					956	65	78% food/hoper	47% unclassified
3. The college catalog is useful in learning about requirements, regulations, etc.						1,004	92		
4. I know the graduation requirements for my major area of study.	***					999	77	100% legal	53% unclassified
5. There is adequate information on transfer of community college courses to four-year colleges.						978	72		
6. Course descriptions generally are accurate.						999	90		

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

The data in Table 2 show no single program as having a consistently high "yes" response. For example, health service majors (72%) saw their advisors at times other than registration; food services/hotel operations majors found SAM helpful (78%) and legal assisting majors knew their graduation requirements for their program of study (100%). On two of these three items, unclassified students had the lowest proportion of "yes" responses. Students with ELI 004 as an English placement test recommendation, contrasted with those with Eng 100, saw their advisors at times other than registration.

3. Evaluation of KCC Experience

A total of thirteen items (II [1-11], IV [14], and VI) dealt with the general KCC experience. Responses are summarized below in percentages for the Section II items:

	Total Responses	Not Satisfied	Satisfied	Very Satisfied
Section II Items:				
1. Instruction	1,019	7%	69%	24%
2. Faculty/student relations	1,010	9%	66%	25%
3. Variety of courses you could take	1,000	30%	52%	18%
4. Intellectual environment	993	14%	72%	14%
5. Orientation	993	13%	71%	17%
6. Counseling/academic advising	974	16%	62%	22%
7. Financial aid services	871	10%	69%	21%
8. Student employment services	852	11%	70%	20%
9. Friendship with other students	985	5%	57%	38%
10. Facilities/equipment	960	19%	63%	18%
11. Total experience at college	982	9%	63%	28%

The above data show that:

- the great majority evaluated each item except "financial aid services" and "student employment services."
- the great majority, ranging from 95 percent (friendship with other students) to 70 percent (variety of courses you could take), rated all eleven items as satisfactory or better.
- at least one-fourth of the respondents were very satisfied regarding: friendship with other students (38%), total college experience (28%), and faculty/student relations. Instruction (24%) was also highly rated.
- close to a third of the respondents were not satisfied with variety of courses (30%) and about one-fifth with facilities/equipment (19%).

Table 3 highlights the characteristics for which responses differed significantly.

TABLE 3

EVALUATION OF KCC EXPERIENCE
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Combined percent represents "satisfied" and "very satisfied" responses.

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]	
	Prog	FBO Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section II									
1. Instruction		*		***		1,019	93	94% new 97% 3.0-3.4	93% transfer 91% below 2.0
2. Faculty/student relations		**		***		1,010	91	92% transfer 97% 3.5 & above	91% new 84% below 2.0
3. Variety of courses you could take						1,000	80		
4. Intellectual environment	***			*		993	86	91% food/hoper 88% 3.5 & above	60% legal 85% below 2.0
5. Orientation						990	88		
6. Counseling/academic advising						974	84		
7. Financial aid services						871	90		
8. Student employment services						852	90		
9. Friendship with other students				*		985	95	96% 3.5 & above, 2.0-2.9	94% 3.0-3.4, below 2.0
10. Facilities/ equipment		**				960	81	84% new	72% transfer
11. Total experience at college				***		982	91	93% 2.0-2.9	87% below 2.0

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

The data in Table 3 show that:

- responses to five items differed by cumulative GPA. In general, students with 2.0 or higher GPAs were more satisfied with their KCC experience than students with a GPA below 2.0 on their assessments of instruction, faculty/student relations, intellectual environment, friendship with other students, and total college experience.

- responses to three items differed by Fall 1980 entry status (new or transfer). In general, new students were satisfied or very satisfied with instruction and facilities/equipment; transfer students with faculty/student relations.

Two other questions in the Continuing Student Survey dealt with evaluation of the KCC experience:

a. IV-14. There is a feeling of ohana at this college. Of the 893 students who responded to this item:

22% strongly disagreed
63% agreed
16% strongly agreed

Responses differed significantly by cumulative GPA. To illustrate: the combined "agreed" and "strongly agreed" responses ranged from 80 percent for students with GPAs of 3.0 and above to 77 percent for students with GPAs below 2.0.

b. VI. In general, how well do you like attending this college? Sentiments were expressed by 927 students as follows:

3% I don't like it.
36% I am more or less neutral about it.
52% I like it.
10% I am enthusiastic about it.

Responses differed significantly by Fall 1980 entry status (new and transfer) and cumulative GPA. The combined percentages for "I like it" and "I am enthusiastic about it" ranged from 74 percent (3.5 and above) to 55 percent (below 2.0); however, no difference for this combination was found between responses by new and transfer students.

4. Evaluation of Student Services

A total of sixteen items (IV [1, 13, 15, 16, 20] and V [1, 5-11, 14-16]) dealt with various aspects of student services.

a. Responses are summarized below in percentages for Section IV items:

	Total Responses	Strongly Disagree	Agree	Strongly Agree
Section IV Items:				
1. The registration procedures, in general, are well-defined and easy to follow.	954	11%	72%	17%
13. Students generally follow college rules and regulations.	915	9%	72%	19%
15. Students have readily available channels for expressing complaints.	869	23%	65%	12%
16. It's been easy to have corrections made to my college records.	809	25%	67%	8%
20. I am satisfied with the variety of student activities available.	836	19%	72%	9%

The data above show that:

- the great majority rated three of the items, with fewer responding to items on corrections to college records and satisfaction with variety of student activities.
- the great majority of students agreed that registration procedures, in general, are well-defined and easy to follow (89%) and students generally follow college rules and regulations (91%).
- one-fourth of the respondents strongly disagreed that corrections are easily made to college records; slightly less (23%) that: channels for expressing students' complaints are readily accessible.

Responses to the items in Section IV differed significantly by Fall 1980 entry status (three) and sex (one). These differences are given in Table 4, which presents the range of combined responses for "agree" to "strongly agree." Responses did <u>not</u> differ by program for any of the items.

TABLE 4

STUDENT SENTIMENT REGARDING PROCEDURES AND ACTIVITIES
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents combined "agree" and "strongly agree" responses.

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section IV									
1. The registration procedures, in general, are well-defined and easy to follow.		*	*			954	89	91% transfer 91% female	88% new 85% male
13. Students generally follow college rules and regulations.						915	91		
15. Students have readily available channels for expressing complaints.		***				869	77	78% new	73% transfer
16. It's been easy to have corrections made to my college records.						809	75		
20. I am satisfied with the variety of student activities available.		*				836	81	81% new	80% transfer

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

The data in Table 4 show that:

- more transfer than new students and more females than males were satisfied that registration procedures, in general, were well-defined and easy to follow.
- new students were otherwise generally more positive in their sentiments than transfer students.

b. Responses are summarized below in percentages for Section V items:

Section V Items:	Total Responses	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was not satisfied with it.
1. Tutorial services	819	23%	58%	16%	3%
5. Career planning	807	22%	59%	16%	2%
6. Vocational/interest testing	796	31%	53%	14%	2%
7. Career resources library	800	31%	50%	18%	2%
8. Career workshops	797	39%	52%	8%	1%
9. Career exploration course	790	42%	49%	8%	1%
10. Study skills modules	799	38%	45%	15%	2%
11. Information sessions on college services	793	37%	48%	13%	2%
Specialized services for:					
14. Veterans	676	40%	50%	9%	1%
15. Foreign students	674	37%	55%	8%	1%
16. Handicapped students	665	36%	57%	6%	1%

The data above show that:

- fewer students (1,054) possible) rated all eleven items, especially the specialized services for veterans, foreign students, handicapped students. This could be explained, in part, by the fact that students not involved with these services may have elected not to rate them.

- more than one-third of the respondents did not know about seven of the eleven special services/ programs, especially: career exploration course (42%), specialized services for veterans (40%), career workshops (39%), study skills modules (38%), information sessions on college services (37%), specialized services for foreign (37%) and handicapped (36%) students. Students were most familiar with career planning (78%) and tutorial services (77%)

- more than one-tenth of the respondents used six of the eleven special services/programs; the three more commonly used services were career resources library (20%), tutorial services (19%), career planning (18%). Students who used the services were generally satisfied with them.

Responses to the items in Section V differed significantly by English placement test scores (two) and Fall 1980 entry status (one). These differences are given in Table 5, which presents the range of responses for "knew but did not use it." Responses did not differ by program for any of the items.

TABLE 5

KNOWLEDGE/USE OF SPECIAL SERVICES AND PROGRAMS
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents "knew but did not use it."

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]	
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section V									
1. Tutorial services					***	819	58	66% Eng 100	36% ELI 004
5. Career planning						807	59		
6. Vocational/interest testing						796	53		
7. Career resources library						800	50		
8. Career workshops						797	52		
9. Career exploration course						790	49		
10. Study skills modules						799	45		
11. Information sessions on college services						793	48		
Specialized services for:									
14. Veterans			***			676	50	50% male	50% female
15. Foreign students					***	674	55	61% Eng 100	35% ELI 004
16. Handicapped students						665	57		

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

The above data in Table 5 show that:

- students whose scores were Eng 100, in contrast to those whose scores were ELI 004, were aware of these services although they did not use them: tutorial services and specialized services for foreign students.

- males and females were equally aware of, but did not use, the specialized services for veterans. However, in the other categories, responses by males and females differed. For example, more males used these services (16% VS 7%) and were generally satisfied with them; more females did not know about these services (44% VS 34%).

5. Evaluation of Instructional Services and Academic Support

A total of nineteen items (IV [2-12, 17-19] and V [2-4, 12, 13]) dealt with instructional services and academic support.[3]

a. Responses are summarized below in percentages for fourteen Section IV items:

	Total Responses	Strongly Disagree	Agree	Strongly Agree
Section IV Items:				
2. I was able to enroll in most of the courses I wanted.	950	25%	48%	26%
3. The grading system, as a whole, is fair.	926	6%	72%	23%
4. I think the courses in my major are relevant to my career plans.	923	8%	66%	26%
5. Most of my classes are too large.	910	58%	35%	7%
6. Most equipment available for use in my classes is adequate for my needs.	885	15%	70%	16%
7. Most courses require intensive preparation out of class.	911	22%	61%	17%
8. I've enjoyed most of the courses I've taken at this college.	905	10%	66%	24%
9. I'm satisfied with the knowledge I've gained from the general education courses.	909	6%	72%	22%
10. I'm satisfied with the knowledge I've gained from courses in my major field.	906	8%	68%	24%
11. I want to learn how to learn.	898	11%	58%	31%
12. Most students set high standards of achievement for themselves.	905	12%	64%	24%
17. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.	843	39%	51%	11%
18. The library had the books and periodicals I needed.	836	24%	65%	12%
19. The library's evening hours are sufficient.	821	16%	71%	13%

[3] See also responses to items III [3 and 6] on pages 6 and 7 of this report.

The data for Section IV show that:

- the great majority rated eleven of the items, with fewer responding to the item on physical facilities and two library-related items.
- with twelve (of fourteen) items three-fourths or more of the respondents agreed, regarding courses and academic support.
- with five items 90 percent or more of the respondents agreed: knowledge was gained from general education courses; the grading system, as a whole, is fair; knowledge was gained from courses in major field; courses in major are relevant to career; courses taken at KCC have been enjoyable.
- with two items respondents strongly disagreed: most classes are too large (58%), the nature of physical facilities lessened enjoyment of KCC (39%).

Table 6 highlights the characteristics for which responses differed significantly. The data show that:

- responses differed on six items, by Fall 1980 entry status. More transfer students agreed that: courses in major field are relevant to career plans (96%), the grading system is fair (95%), enrollment in most desired courses was possible (77%); new students tended to agree that: most students set high standards of achievement (90%), available equipment is adequate (87%), needed books and periodicals are available in the library (79%).

TABLE 6

SENTIMENTS ON COURSE EXPERIENCES AND LIBRARY
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents combined "agree" and "strongly agree" responses.

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]	
	Prog	FBO Entry Stat	Sex	Cum GPA	Eng Plac Test				
Section IV									
2. I was able to enroll in most of the courses I wanted.	**	***				950	74	100% legal 77% transfer	70% liberal arts 74% new
3. The grading system, as a whole, is fair.		**		***		926	94	95% transfer 97% 3.0-3.4	94% new 88% below 2.0
4. I think the courses in my major are relevant to my career plans.		**		***		923	92	96% transfer 96% 3.5 & above	91% new 90% 2.0-2.9
5. Most of my classes are too large.				**		910	42	51% below 2.0	26% 3.5 & above
6. Most equipment available for use in my classes is adequate for my needs.		*				885	86	87% new	82% transfer
7. Most courses require intensive study and preparation out of class.				*		911	78	81% below 2.0	74% 3.5 & above
8. I've enjoyed most of the courses I've taken at this college.				***		905	90	97% 3.5 & above	83% below 2.0
9. I'm satisfied with the knowledge I've gained from the general education courses.				**		909	94	98% 3.5 & above	91% below 2.0
10. I'm satisfied with the knowledge I've gained from courses in my major field.				***		906	92	95% 3.5 & above	90% below 2.0
11. I want to learn <u>how</u> to learn.						898	89		
12. Most students set high standards of achievement for themselves.		*		***		905	88	90% new 91% 3.0-3.4	83% transfer 89% 2.0-2.9
17. The nature of physical facilities has lessened my enjoyment of Kapiolani CC.			*	***		843	62	69% male 69% below 2.0	57% female 46% 3.5 & above
18. The library had the books and periodicals I needed.		**				836	77	79% new	68% transfer
19. The library's evening hours are sufficient.						821	84		

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

b. Responses are summarized below in percentages for Section V items:

Section V Items:	Total Responses	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was not satisfied with it.
2. Cooperative education	806	25%	61%	13%	2%
3. Math labs	816	18%	63%	16%	3%
4. Writing labs	808	23%	61%	15%	1%
12. Library staff services	800	26%	46%	25%	2%
13. Library orientation sessions	792	37%	44%	16%	2%

The above data show that:

- generally fewer students (1,014 possible) responded to all five items.
- while more than three-fifths of the respondents knew about, but did not use three of these academic support services (cooperative education, math labs, writing labs) less than half so responded to the library related items (staff services, orientation sessions).
- a fourth of the respondents used library staff services and were satisfied with them; almost one-sixth of the respondents used the remaining resources and were generally satisfied with each.
- approximately one-fourth of the respondents were not aware of the services, ranging from 37 percent (library orientation sessions) to 18 percent (math labs).

Table 7 highlights the characteristics for which responses differed significantly.

TABLE 7

SENTIMENTS ON OTHER ACADEMIC SUPPORT
FALL 1980 ENTERING STUDENTS
SPRING 1981 CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE

Note: Percentage represents "knew about the service but did not use it."

Items	Characteristic[a]					Total Responses	Combined Percent	Range[b]
	Prog	F80 Entry Stat	Sex	Cum GPA	Eng Plac Test			
Section V								
2. Cooperative education						806	61	
3. Math labs				*		816	63	68% 3.5 & above 58% below 2.0
4. Writing labs						808	61	
12. Library staff services						800	46	
13. Library orientation sessions						791	44	

[a]Levels of significance, based on chi-square analysis, are denoted thus: * .05, ** .01, *** .001. Results are disregarded when more than one-fourth of the expected frequencies are less than five.

[b]Range given only when responses differed significantly.

The data in Table 7 show that: responses to only one item differed by cumulative GPA. Respondents who earned GPAs of 3.5 or higher, in contrast to those whose GPAs were below 2.0, knew about but chose not to use the math labs.

D. Summary and Concluding Comments

The rate of return for the Spring 1981 Continuing Student Survey was 69 percent (1,054 respondents). Respondents and non-respondents did not differ significantly on the following characteristics: sex, cumulative GPA, English placement test results. The analysis chosen provides us with valuable data about how an entering group of students (Fall 1980) rated their first semester at Kapiolani Community College.

1. Profile of Respondents

In general, Fall 1980 entering students who responded (the majority or plurality) to the survey were, at the time of entry:

- majors in liberal arts, *49%*; business, *27%*
- females, *63%*
- below 19 years old, *45%*; 19-21 years, *28%*
- new to higher education, *74%*
- full-time students, *68%*
- recommended to take Math 25 or lower, *63%*
- recommended to take Eng 22/50 or lower, *52%*

At the end of their first semester at Kapiolani, the respondents had earned:

• grade point average of	3.5 & above	*20%*
	3.0 - 3.4	*19%*
	2.0 - 2.9	*35%*
	below 2.0	*27%*
• credit-completion ratios of	1.00	*74%*
	.80 - .99	*5%*
	.50 - .79	*13%*
	below .50	*8%*

2. Major Findings

a. Employment Experience: In Spring 1981, close to three-fourths (70%) of the respondents worked. Of those working, approximately three-fourths (74%) "intend to continue" with their jobs although only about half (52%) found their jobs "closely" or "somewhat" related to their community college studies.

b. Student Knowledge of Procedures and Requirements: Items dealt with registration, advising, transfer of courses, requirements for their majors and for graduation, and course descriptions.

Approximately two-thirds of the respondents indicated knowledge of the college's various procedures and requirements. On only one item, "I saw my advisor during the past semester at times other than registration," was there a minority response (36%). However, nearly two-thirds (65%) of the respondents also indicated that they did not need to see their advisors because of the helpfulness of SAM.

c. Evaluation of KCC Experience: There were a number of specific items, related to instruction, the curriculum, student services, college ambiance and facilities, as well as some "global" items to solicit overall reactions to the KCC experience.

At least four-fifths of the students rated as "satisfactory" or better all specific items, ranging from 95 percent (friendship with other students) to 70 percent (variety of courses you could take).

Responses to the global items were likewise favorable: 91 percent rated the total college experience as satisfactory or better; 79 percent agreed (includes strongly agree) that there is a feeling of ohana at KCC; 62 percent indicated that they liked attending KCC (including 10 percent who were "enthusiastic about it").

d. Evaluation of Student Services: Students rated some items dealing with registration, college regulations, student records and activities. In addition, students indicated their knowledge and use of specific services, such as tutorial services, career planning, study skills modules, and specialized services for veterans.

Nearly 90 percent of the respondents agreed that registration procedures were easy to follow (89%) and that students followed college regulations (91%). A slightly smaller proportion agreed that: channels for student complaints were easily accessible (77%), college records could easily be corrected (75%), and variety of student activities was satisfactory (81%).

More than one-third of the respondents did not know about seven of the eleven specific services: the career exploration course, career workshops, study skills modules, information sessions on college services, and the specialized services for veterans, for foreign students, and for handicapped students. Half or more of the students knew about but did not use eight of the specific services. Six services were used by at least 15 percent of the respondents. The two most often used services were career resources library (20%) and tutorial services (19%). A great majority of students who took advantage of these services were satisfied with them.

e. Evaluation of Instructional Services and Academic Support: Students indicated their agreement with items dealing with courses, grading and standards, objectives and knowledge gained, equipment and facilities, and the library. In addition, students indicated their knowledge about cooperative education and the math, reading, and writing labs.

The great majority of students agreed with all but two items dealing with instructional services and academic support. More than one-fifth strongly agreed with eight of the fourteen items: want to learn how to learn; ability to enroll in most desired courses; courses in major are relevant to career plans; enjoyment of most courses taken at this college; knowledge gained from courses in major field; students set high standards of achievement; grading system, as a whole, is fair; knowledge gained from general education courses.

Notable are: the fairly even distribution of responses to "able to enroll in most desired courses" (25% strongly disagreed, 48% agreed, 26% strongly agreed) and the higher proportion of students who strongly disagreed--most classes are too large (58%), nature of physical facilities lessened my enjoyment of KCC (39%).

Fewer than 78 percent of the respondents rated the items on cooperative education, the math and writing labs, and two library services. The majority of students knew about these services but did not use them. A great majority of the students who enrolled in cooperative education, used the labs, or library services were satisfied with them. Noteworthy is the fact that at least one fourth of the students did not know about cooperative education, library staff services and library orientation sessions.

3. Concluding Comments

Many students who entered KCC in Fall 1980 reacted favorably to their first semester's experience, both in "global" and specific terms. Since students generally are positive in their evaluations, it is important to note the range in satisfaction with various services and programs.

Data on what time periods working students find that their job makes it impossible to attend class show that the late hours (3:30-5:20 and 5:30-later) present conflicts for many employed students.

Responses indicate that campus personnel should consider two major areas that need improvement:

- courses, variety and availability
  - 30 percent of 1,000 respondents were not satisfied with the variety offered (II-3).
  - 25 percent of 950 respondents disagreed that they were able to enroll in most of the courses they wanted (IV-2).
- special courses, services, labs
  - among 25 items rated by fewer than 895 respondents (85% of the possible 1,054) were all 16 items listed in Section V, dealing with special courses, services, and labs.
  - an average of 32 percent (ranging from 18% to 42%) of the respondents did not know about these special opportunities.
  - the majority (or plurality, in a few instances) response was "knew about this service but did not use it."

While the above data indicate the need to publicize special courses, services and labs, it is heartening to note that, of items which appeared on both surveys, small "gains" were made in the usage of nine (of fourteen) special courses, services, and labs.

In general, responses to the Spring 1981 and Spring 1980 surveys were quite similar: that is the differences were not great, chiefly in the neighborhood of 2 or 3 percentage points. The following items, however, are beyond this range:

- 92% vs 84% Yes, "I know the graduation requirements for my major areas of study." (III-4)
- 26% vs 21% Strong agree, "I think courses in my major are relevant to my career plans." (IV-4)
- 25% vs 31% Strong disagree, "I was able to enroll in most of the courses I wanted." (IV-2)
- 77% vs 84% Yes, "There is adequate information on the transfer of community college courses to four-year colleges." (III-5)
- 19% vs 13% Not satisfied, "Facilities/equipment" (IV-10)
- 25% vs 19% Strongly disagree, "It's been easy to have corrections made to my college records." (IV-16)

We hope that the results of this survey will not be viewed as ends in themselves but rather in conjunction with the results of the Fall 1980 Entering Student Survey (KSFP Report No. 8) and the Fall 1980 No Show Survey (KSFP Report No. 10) as indicators of areas in which campus improvements or revisions might be undertaken.

While no formal analysis is planned for comparing how students responded to both the Entering Student and Continuing Student Surveys, the following, for example, is noteworthy: perceptions by students responding to the Entering Student Survey revealed a low estimate of need for extra help and services in job counseling and tutoring, and responses to similar services in the Continuing Student Survey revealed that less than 20 percent used such services (exceptions: 26% used career resources library). Such questions as the following were raised in the report on the Spring 1980 survey: Did campus personnel expect students to exhibit this extent of "felt needs" and "use of services," given the nature of entering students? What relationship is there between student characteristics (especially academic backgrounds as reflected in first semester GPA and placement test scores) and self-awareness of need and use of special services? Is there a need for more effective publicizing of services? Is it feasible to provide an "outreach" emphasis (rather than relying solely on individual motivation)? In light of limited resources, should a service be continued? combined with others? It seems that these questions are still appropriate in evaluating services and programs at Kapiolani.

In order to assist campus personnel in analyzing data from the Spring 1981 Continuing Student Survey, details, by program, are included in the appendix. Readers interested in analyzing responses by other characteristics (sex, cumulative GPA, English placement test scores) are urged to contact the staff working on the Student Flow Program.

APPENDIX

APPENDIX A

CONTINUING STUDENT SURVEY
KAPIOLANI COMMUNITY COLLEGE
Spring 1981

Dear Continuing Student:

Welcome back to Kapiolani Community College!

We are trying to improve our instruction and student services, and we need your help. After you have picked up your course cards and filled out your fee slip, we hope you will take a few minutes to complete the Continuing Student Survey.

You will be asked to turn in the survey as part of the checkout process. Your questionnaire has a label on it to make it easy for us to summarize characteristics of respondents on a group basis. Responses are confidential and not reported for specific individuals. Thank you very much for your cooperation and help.

Joyce S. Tsunoda

Joyce S. Tsunoda, Provost

I. Are you working this semester?

1. ( ) No
2. ( ) Yes

a. Check one: 1. ( ) full-time (35 or more hours weekly)
2. ( ) part-time

b. How do you feel about this job? 1. ( ) intend to continue
2. ( ) want to look for another

c. Is your work related to your community college studies?
1. ( ) closely related
2. ( ) somewhat related
3. ( ) not related

d. This job makes it impossible for me to attend classes during these time periods. Check as many as applicable.

	M (1)	Tu (2)	W (3)	Th (4)	F (5)
7:30-10:20(1)					
10:30- 1:20(2)					
1:30- 3:20(3)					
3:30- 5:20(4)					
5:30-later(5)					

II. Please circle the number that best indicates your evaluation of your experience at Kapiolani Community College: (Respond to each item, if possible.)

	Not Satisfied		Satisfied		Very Satisfied
1. Instruction	1	2	3	4	5
2. Faculty/student relations	1	2	3	4	5
3. Variety of courses you could take	1	2	3	4	5
4. Intellectual environment	1	2	3	4	5
5. Orientation	1	2	3	4	5
6. Counseling/academic advising	1	2	3	4	5
7. Financial aid (grants, loans, scholarships, work/study)	1	2	3	4	5
8. Student employment services (on- or off-campus jobs)	1	2	3	4	5
9. Friendship with other students	1	2	3	4	5
10. Facilities/equipment	1	2	3	4	5
11. Total experience at college	1	2	3	4	5

III. Please check either "yes" or "no" for each statement:

		Yes	No
1.	I saw my advisor during the past semester at times other than registration.	1. ( )	2. ( )
2.	The Self-Advising Materials (SAM) were helpful, so I didn't need to see an advisor.	1. ( )	2. ( )
3.	The college catalog is useful in learning about requirements, regulations, etc.	1. ( )	2. ( )
4.	I know the graduation requirements for my major area of study.	1. ( )	2. ( )
5.	There is adequate information on transfer of community college courses to four-year colleges.	1. ( )	2. ( )
6.	Course descriptions generally are accurate.	1. ( )	2. ( )

IV. Please circle the number which comes closest to expressing your opinion:

		Strongly Disagree		Agree	Strongly Agree	
1.	Registration procedures are generally clear and easy to follow.	1	2	3	4	5
2.	I was able to enroll in most of the courses I wanted.	1	2	3	4	5
3.	The grading system, as a whole, is fair.	1	2	3	4	5
4.	I think the courses in my major are relevant to my career plans.	1	2	3	4	5
5.	Most of my classes are too large.	1	2	3	4	5
6.	Most equipment available for use in my classes is adequate for my needs (e.g., laboratory, typewriters, machines).	1	2	3	4	5
7.	Most courses require intensive preparation out of class.	1	2	3	4	5
8.	I've enjoyed most of the courses I've taken at this college.	1	2	3	4	5
9.	I'm satisfied with the knowledge I've gained from the general education courses.	1	2	3	4	5
10.	I'm satisfied with the knowledge I've gained from courses in my major field.	1	2	3	4	5
11.	I want to learn how to learn.	1	2	3	4	5
12.	Most students set high achievement standards for themselves.	1	2	3	4	5
13.	Students generally follow college rules and regulations.	1	2	3	4	5
14.	There is a feeling of ohana at this college.	1	2	3	4	5
15.	Students have readily accessible channels for expressing complaints.	1	2	3	4	5
16.	It's easy to have corrections made to my college records.	1	2	3	4	5
17.	The nature of physical facilities has lessened my enjoyment of Kapiolani CC.	1	2	3	4	5
18.	The library had the books and periodicals I needed.	1	2	3	4	5
19.	The library's evening hours are sufficient.	1	2	3	4	5
20.	The variety of student activities is satisfactory.	1	2	3	4	5

V. For each service/program listed below, please circle the number that is most appropriate.

	I did not know about this service.	I knew about this service but did not use it.	I used this service and was satisfied with it.	I used this service and was not satisfied with it.
1. Tutorial services	1	2	3	4
2. Cooperative education	1	2	3	4
3. Math labs	1	2	3	4
4. Writing labs	1	2	3	4
5. Career planning	1	2	3	4
6. Vocational/interest testing	1	2	3	4
7. Career resources library	1	2	3	4
8. Career workshops	1	2	3	4
9. Career exploration course	1	2	3	4
10. Study skills modules	1	2	3	4
11. Information sessions on college services	1	2	3	4
12. Library staff services	1	2	3	4
13. Library orientation sessions	1	2	3	4
Specialized services for:				
14. Veterans	1	2	3	4
15. Foreign students	1	2	3	4
16. Handicapped students	1	2	3	4

VI. In general, how well do you like attending this college? (Check one.)

1. ( ) I don't like it.
2. ( ) I am more or less neutral about it.
3. ( ) I like it.
4. ( ) I am enthusiastic about it.

VII. What are your suggestions for improving this college?

MAHALO!

Please drop your completed survey in the box provided as you check out.

APPENDIX B

TABLES FOR EACH ITEM BY PROGRAM ONLY

ITEM1A WORKING THIS SEMESTER?

ITEM1A	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOSPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NO	1	157	71	28	30	1	17	304
		30.7	25.0	59.6	25.2	20.0	24.6	29.4
2 YES, FULL-TIME	2	79	53	1	18	3	24	178
		15.5	18.7	2.1	15.1	60.0	34.8	17.2
3 YES, PARTTIME	3	275	160	18	71	1	28	553
		53.8	56.3	38.3	59.7	20.0	40.6	53.4
COLUMN TOTAL		511	284	47	119	5	69	1035
		49.4	27.4	4.5	11.5	0.5	6.7	100.0

3 OUT OF 18 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.860
RAW CHI SQUARE = 50.14995 WITH 10 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 19

ITEM1B FEELINGS ABOUT MY JOB

ITEM1B	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOSPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 WILL CONTINUE	1	244	153	14	56	3	39	509
		73.3	75.4	77.8	71.8	75.0	78.0	74.2
2 SEEK ANOTHER JOB	2	89	50	4	22	1	11	177
		26.7	24.6	22.2	28.2	25.0	22.0	25.8
COLUMN TOTAL		333	203	18	78	4	50	686
		48.5	29.6	2.6	11.4	0.6	7.3	100.0

3 OUT OF 12 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.032
RAW CHI SQUARE = 1.02891 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9602

NUMBER OF MISSING OBSERVATIONS = 368

ITEM1C RELATION OF JOB TO COM. COLLEGE STUDIES

ITEM1C	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOSPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 CLOSELY RELATED	1	29	50	5	32	1	10	126
		8.4	24.0	26.3	36.2	25.0	19.2	17.6
2 SOMEWHAT RELATED	2	103	88	6	30	2	12	241
		29.9	42.3	31.6	34.1	50.0	23.1	33.7
3 NOT RELATED	3	213	70	8	27	1	30	349
		61.7	33.7	42.1	30.7	25.0	57.7	48.7
COLUMN TOTAL		345	208	19	88	4	52	716
		48.2	29.1	2.7	12.3	0.6	7.3	100.0

4 OUT OF 18 (22.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.704
RAW CHI SQUARE = 75.26395 WITH 10 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 338

ITEM21 EVAL. OF KCC: INSTRUCTION

ITEM21	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NOT SATISFIED	1	5	2	0	3	0	2	12
		1.0	0.7	0.0	2.6	0.0	3.0	1.2
	2	28	14	3	6	0	4	55
		5.6	4.9	6.0	5.2	0.0	6.1	5.4
	3	360	201	34	70	5	35	705
SATISFIED		72.1	71.0	68.0	60.3	100.0	53.0	69.2
	4	78	43	11	28	0	16	176
		15.6	15.2	22.0	24.1	0.0	24.2	17.3
	5	28	23	2	9	0	9	71
VERY SATISFIED		5.6	8.1	4.0	7.8	0.0	13.6	7.0
	COLUMN TOTAL	499 49.0	283 27.8	50 4.9	116 11.4	5 0.5	66 6.5	1019 100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.059
RAW CHI SQUARE = 26.15178 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1609

NUMBER OF MISSING OBSERVATIONS = 35

ITEM22 EVAL. OF KCC: FACULTY-STUDENT RELATIONS

ITEM22	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NOT SATISFIED	1	2	4	0	2	0	1	9
		0.4	1.4	0.0	1.8	0.0	1.5	0.9
	2	34	31	3	7	0	4	79
		6.8	11.0	6.4	6.1	0.0	6.2	7.8
	3	351	171	32	70	4	37	665
SATISFIED		70.6	60.6	68.1	61.4	80.0	56.9	65.8
	4	80	51	9	22	1	12	175
		16.1	18.1	19.1	19.3	20.0	18.5	17.3
	5	30	25	3	13	0	11	82
VERY SATISFIED		6.0	8.9	6.4	11.4	0.0	16.9	8.1
	COLUMN TOTAL	497 49.2	282 27.9	47 4.7	114 11.3	5 0.5	65 6.4	1010 100.0

12 OUT OF 30 (40.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.045
RAW CHI SQUARE = 25.62242 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1786

NUMBER OF MISSING OBSERVATIONS = 44

ITEM23 EVAL. OF KCC: VARIETY OF COURSES

ITEM23	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 NOT SATISFIED	1	45	17	0	6	0	6	74
		9.1	6.1	0.0	5.5	0.0	9.1	7.4
	2	130	55	12	13	0	15	225
		26.4	19.7	25.0	11.9	0.0	22.7	22.5
	3	246	151	27	58	4	34	520
SATISFIED		49.9	54.1	56.3	53.2	80.0	51.5	52.0
	4	56	44	7	25	0	5	137
		11.4	15.8	14.6	22.9	0.0	7.6	13.7
	5	16	12	2	7	1	6	44
VERY SATISFIED		3.2	4.3	4.2	6.4	20.0	9.1	4.4
	COLUMN TOTAL	493 49.3	279 27.9	48 4.8	109 10.9	5 0.5	66 6.6	1000 100.0

10 OUT OF 30 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.220
RAW CHI SQUARE = 40.60794 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0042

NUMBER OF MISSING OBSERVATIONS = 54

*ITEM24 EVAL. OF KCC: INTELLECTUAL ENVIRONMENT

ITEM24	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOSPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED		11	6	2	1	0	0	20
		2.2	2.2	4.1	0.9	0.0	0.0	2.0
2		69	27	5	9	2	7	119
		14.1	9.9	10.2	8.1	40.0	11.1	12.0
3 SATISFIED		346	204	33	83	2	43	711
		70.5	74.5	67.3	74.8	40.0	68.3	71.6
4		55	31	8	14	1	8	117
		11.2	11.3	16.3	12.6	20.0	12.7	11.8
5 VERY SATISFIED		10	6	1	4	0	5	26
		2.0	2.2	2.0	3.6	0.0	7.9	2.6
COLUMN TOTAL		491	274	49	111	5	63	993
		49.4	27.6	4.9	11.2	0.5	6.3	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.101
RAW CHI SQUARE = 22.04469 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3381

NUMBER OF MISSING OBSERVATIONS = 61

ITEM25 EVAL. OF KCC: ORIENTATION

ITEM25	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOSPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED		11	6	2	4	0	2	25
		2.2	2.2	4.2	3.5	0.0	3.1	2.5
2		49	34	1	11	0	6	101
		10.0	12.4	2.1	9.7	0.0	9.4	10.2
3 SATISFIED		361	184	35	77	3	40	700
		73.8	66.9	72.9	68.1	75.0	62.5	70.5
4		52	33	8	17	1	12	123
		10.6	12.0	16.7	15.0	25.0	18.8	12.4
5 VERY SATISFIED		16	18	2	4	0	4	44
		3.3	6.5	4.2	3.5	0.0	6.3	4.4
COLUMN TOTAL		489	275	48	113	4	64	993
		49.2	27.7	4.8	11.4	0.4	6.4	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.101
RAW CHI SQUARE = 18.62968 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5460

NUMBER OF MISSING OBSERVATIONS = 61

ITEM26 EVAL. OF KCC: COUNSELING-ACADEM. ADVISNG

ITEM26	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOSPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 NOT SATISFIED		16	8	0	3	0	4	31
		3.3	3.0	0.0	2.7	0.0	6.6	3.2
2		67	33	3	6	0	11	120
		13.9	12.2	6.4	5.5	0.0	18.0	12.3
3 SATISFIED		311	163	31	66	3	32	606
		64.7	60.1	66.0	60.0	75.0	52.5	62.2
4		71	47	10	25	1	10	164
		14.8	17.3	21.3	22.7	25.0	16.4	16.8
5 VERY SATISFIED		16	20	3	10	0	4	53
		3.3	7.4	6.4	9.1	0.0	6.6	5.4
COLUMN TOTAL		481	271	47	110	4	61	974
		49.4	27.8	4.8	11.3	0.4	6.3	100.0

10 OUT OF 30 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.127
RAW CHI SQUARE = 27.71608 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1163

NUMBER OF MISSING OBSERVATIONS = 80

ITEM27 EVAL. OF KCC: FINANCIAL AID SERVICES

ITEM27	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 NOT SATISFIED		8	3	0	2	0	0	13
		1.8	1.2	0.0	2.0	0.0	0.0	1.5
2		41	24	5	4	0	3	77
		9.5	9.6	12.2	4.1	0.0	6.5	8.8
3 SATISFIED		309	160	26	68	2	37	602
		71.4	64.0	63.4	69.4	66.7	80.4	69.1
4		59	39	6	14	1	4	123
		13.6	15.6	14.6	14.3	33.3	8.7	14.1
5 VERY SATISFIED		16	24	4	10	0	2	56
		3.7	9.6	9.8	10.2	0.0	4.3	6.4
COLUMN TOTAL		433	250	41	98	3	46	871
		49.7	28.7	4.7	11.3	0.3	5.3	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.045
RAW CHI SQUARE = 22.83473 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2970

NUMBER OF MISSING OBSERVATIONS = 183

ITEM28 EVAL. OF KCC: STUDENT EMPLOYMENT SERV.

ITEM28	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 NOT SATISFIED		12	4	1	3	0	0	20
		2.9	1.6	2.5	3.1	0.0	0.0	2.3
2		36	22	1	10	0	2	71
		8.6	8.9	2.5	10.4	0.0	4.2	8.3
3 SATISFIED		295	157	32	68	3	37	592
		70.4	63.8	80.0	70.8	100.0	77.1	69.5
4		64	45	4	13	0	6	132
		15.3	18.3	10.0	13.5	0.0	12.5	15.5
5 VERY SATISFIED		12	18	2	2	0	3	37
		2.9	7.3	5.0	2.1	0.0	6.3	4.3
COLUMN TOTAL		419	246	40	96	3	48	852
		49.2	28.9	4.7	11.3	0.4	5.6	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.070
RAW CHI SQUARE = 20.48265 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4281

NUMBER OF MISSING OBSERVATIONS = 202

ITEM29 EVAL. OF KCC: FRIENDSHIP WITH STUDENTS

ITEM29	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 NOT SATISFIED		2	2	1	1	0	2	8
		0.4	0.7	2.1	0.9	0.0	3.0	0.8
2		21	13	1	3	0	4	42
		4.3	4.9	2.1	2.7	0.0	6.1	4.3
3 SATISFIED		292	149	23	51	3	40	558
		59.8	55.6	48.9	45.5	75.0	60.6	56.6
4		132	64	15	33	0	12	256
		27.0	23.9	31.9	29.5	0.0	18.2	26.0
5 VERY SATISFIED		41	40	7	24	1	8	121
		8.4	14.9	14.9	21.4	25.0	12.1	12.3
COLUMN TOTAL		488	268	47	112	4	66	985
		49.5	27.2	4.8	11.4	0.4	6.7	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.032
RAW CHI SQUARE = 32.69737 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0364

NUMBER OF MISSING OBSERVATIONS = 69

ITEM210 EVAL. OF KCC: FACILITIES-EQUIPMENT

ITEM210	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
NOT SATISFIED	1	20	5	5	2	0	2	34
		4.2	1.9	10.4	1.9	0.0	3.3	3.5
	2	74	41	14	11	1	8	149
		15.3	15.4	29.2	10.3	20.0	13.1	15.5
SATISFIED	3	306	159	24	69	3	41	602
		64.7	59.8	50.0	64.5	60.0	67.2	62.7
	4	57	48	3	22	0	7	137
		12.1	18.0	6.3	20.6	0.0	11.5	14.3
VERY SATISFIED	5	16	13	2	3	1	3	38
		3.4	4.9	4.2	2.8	20.0	4.9	4.0
	COLUMN TOTAL	473	266	48	107	5	61	960
		49.3	27.7	5.0	11.1	0.5	6.4	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.177
RAW CHI SQUARE = 35.45119 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0178

NUMBER OF MISSING OBSERVATIONS = 94

ITEM211 EVAL. OF KCC: TOTAL EXPERIENCE AT KCC

ITEM211	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
NOT SATISFIED	1	4	3	0	3	0	2	12
		0.8	1.1	0.0	2.8	0.0	3.1	1.2
	2	36	21	8	6	0	8	79
		7.5	7.7	16.7	5.6	0.0	12.5	8.0
SATISFIED	3	338	164	27	55	4	33	621
		70.0	59.9	56.3	50.9	80.0	51.6	63.2
	4	90	59	10	30	1	17	207
		18.6	21.5	20.8	27.8	20.0	26.6	21.1
VERY SATISFIED	5	15	27	3	14	0	4	63
		3.1	9.9	6.3	13.0	0.0	6.3	6.4
	COLUMN TOTAL	483	274	48	108	5	64	982
		49.2	27.9	4.9	11.0	0.5	6.5	100.0

12 OUT OF 30 (40.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.061
RAW CHI SQUARE = 46.82214 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0006

NUMBER OF MISSING OBSERVATIONS = 72

ITEM31 SAW ADVISOR PAST SEM. OTHER THAN REGIS.

ITEM31	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 YES	COUNT	169	88	36	51	1	18	363
	COL PCT	33.9	31.5	72.0	43.6	20.0	26.9	35.7
2 NO	COUNT	329	191	14	66	4	49	653
	COL PCT	66.1	68.5	28.0	56.4	80.0	73.1	64.3
COLUMN TOTAL		498	279	50	117	5	67	1016
		49.0	27.5	4.9	11.5	0.5	6.6	100.0

2 OUT OF 12 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.786
RAW CHI SQUARE = 37.45276 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 38

ITEM32 SAW HELPFUL, DIDN'T NEED ADVISOR

ITEM32	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 YES	COUNT	280	197	27	87	3	27	621
	COL PCT	59.7	73.8	60.0	77.7	60.0	46.6	65.0
2 NO	COUNT	189	70	18	25	2	31	335
	COL PCT	40.3	26.2	40.0	22.3	40.0	53.4	35.0
COLUMN TOTAL		469	267	45	112	5	58	956
		49.1	27.9	4.7	11.7	0.5	6.1	100.0

2 OUT OF 12 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.752
RAW CHI SQUARE = 31.96207 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 98

ITEM33 COLLEGE CATALOG USEFUL

ITEM33	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 YES	COUNT	442	259	44	111	4	59	919
	COL PCT	90.2	92.8	88.0	95.7	80.0	92.2	91.5
2 NO	COUNT	48	20	6	5	1	5	85
	COL PCT	9.8	7.2	12.0	4.3	20.0	7.8	8.5
COLUMN TOTAL		490	279	50	116	5	64	1004
		48.8	27.8	5.0	11.6	0.5	6.4	100.0

3 OUT OF 12 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.423
RAW CHI SQUARE = 6.00899 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3053

NUMBER OF MISSING OBSERVATIONS = 50

ITEM34 KNOW GRAD. REQUIREMENTS FOR MY MAJOR

ITEM34	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 YES	COUNT	337	241	47	109	5	32	771
	COL PCT	68.6	86.4	97.9	94.8	100.0	52.5	77.2
2 NO	COUNT	154	38	1	6	0	29	228
	COL PCT	31.4	13.6	2.1	5.2	0.0	47.5	22.8
COLUMN TOTAL		491	279	48	115	5	61	999
		49.1	27.9	4.8	11.5	0.5	6.1	100.0

2 OUT OF 12 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.141
RAW CHI SQUARE = 88.34874 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 55

ITEM35 ADEQ. INFO-TRNSFR OF COURSES TO 4 YR COL

ITEM35	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 YES		331	197	41	87	4	43	703
		68.4	72.7	82.0	79.8	80.0	72.9	71.9
2 NO		153	74	9	22	1	16	275
		31.6	27.3	18.0	20.2	20.0	27.1	28.1
COLUMN TOTAL		484	271	50	109	5	59	978
		49.5	27.7	5.1	11.1	0.5	6.0	100.0

2 OUT OF 12 (16.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 1.406
RAW CHI SQUARE = 9.13076 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1040

NUMBER OF MISSING OBSERVATIONS = 76

ITEM36 COURSE DESCRIPTIONS GENERALLY ACCURATE

ITEM36	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 YES		431	257	48	102	5	58	901
		88.0	93.8	96.0	88.7	100.0	89.2	90.2
2 NO		59	17	2	13	0	7	98
		12.0	6.2	4.0	11.3	0.0	10.8	9.8
COLUMN TOTAL		490	274	50	115	5	65	999
		49.0	27.4	5.0	11.5	0.5	6.5	100.0

3 OUT OF 12 (25.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.490
RAW CHI SQUARE = 9.59169 WITH 5 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0877

NUMBER OF MISSING OBSERVATIONS = 55

ITEM41 REGIS. PROCEDURES CLEAR, EASY TO FOLLOW

ITEM41	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		10	7	1	4	0	2	24
		2.1	2.7	2.0	3.8	0.0	3.5	2.5
2		44	17	5	13	0	5	84
		9.1	6.6	10.0	12.5	0.0	8.8	8.8
3 AGREE		346	185	32	78	3	40	684
		71.9	72.0	64.0	75.0	60.0	70.2	71.7
4		54	31	6	4	1	5	101
		11.2	12.1	12.0	3.8	20.0	8.8	10.6
5 STRONGLY AGREE		27	17	6	5	1	5	61
		5.6	6.6	12.0	4.8	20.0	8.8	6.4
COLUMN TOTAL		481	257	50	104	5	57	954
		50.4	26.9	5.2	10.9	0.5	6.0	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.126
RAW CHI SQUARE = 16.99739 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6531

NUMBER OF MISSING OBSERVATIONS = 100

ITEM42 ABLE TO ENROLL IN MOST DESIRED COURSES

ITEM42	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	56	15	0	10	0	6	87
	11.7	5.9	0.0	9.6	0.0	10.2	9.2
2	89	37	4	13	0	10	153
	18.5	14.6	8.2	12.5	0.0	16.9	16.1
3 AGREE	229	127	19	53	3	28	459
	47.7	50.2	38.8	51.0	60.0	47.5	48.3
4	54	45	12	20	0	6	137
	11.3	17.8	24.5	19.2	0.0	10.2	14.4
5 STRONGLY AGREE	52	29	14	8	2	9	114
	10.8	11.5	28.6	7.7	40.0	15.3	12.0
COLUMN TOTAL	480	253	49	104	5	59	950
	50.5	26.6	5.2	10.9	0.5	6.2	100.0

6 OUT OF 30 (20.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.458
RAW CHI SQUARE = 47.48558 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0005

NUMBER OF MISSING OBSERVATIONS = 104

ITEM43 GRADING SYSTEM AS A WHOLE IS FAIR

ITEM43	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	4	0	0	1	0	0	5
	0.8	0.0	0.0	1.0	0.0	0.0	0.5
2	25	19	2	2	0	3	51
	5.3	7.7	4.2	2.0	0.0	5.4	5.5
3 AGREE	351	164	31	77	3	36	662
	74.5	66.1	64.6	78.6	60.0	64.3	71.5
4	59	46	10	10	2	11	138
	12.5	18.5	20.8	10.2	40.0	19.6	14.9
5 STRONGLY AGREE	32	19	5	8	0	6	70
	6.8	7.7	10.4	8.2	0.0	10.7	7.6
COLUMN TOTAL	471	248	48	98	5	56	926
	50.9	26.8	5.2	10.6	0.5	6.0	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.027
RAW CHI SQUARE = 22.57387 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3102

NUMBER OF MISSING OBSERVATIONS = 128

ITEM44 COURSES IN MAJOR RELEVANT TO CAREER PLAN

ITEM44	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE	3	0	0	2	0	3	8
	0.7	0.0	0.0	2.0	0.0	5.4	0.9
2	50	8	1	2	0	4	65
	10.8	3.2	2.0	2.0	0.0	7.1	7.0
3 AGREE	335	157	20	62	3	35	612
	72.7	62.8	40.8	60.8	60.0	62.5	66.3
4	58	59	13	21	0	7	158
	12.6	23.6	26.5	20.6	0.0	12.5	17.1
5 STRONGLY AGREE	15	26	15	15	2	7	80
	3.3	10.4	30.6	14.7	40.0	12.5	8.7
COLUMN TOTAL	461	250	49	102	5	56	923
	49.9	27.1	5.3	11.1	0.5	6.1	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.043
RAW CHI SQUARE = 117.63371 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 131

ITEM45 NOST OF MY CLASSES TOO LARGE

ITEM45	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC -HCPER 4	PUBLIC SERVICES 5	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE		31	16	4	8	1	12	72
		6.7	6.6	8.2	8.2	20.0	21.4	7.9
2		241	121	23	47	4	24	460
		52.3	50.2	46.9	48.0	80.0	42.9	50.5
3 AGREE		169	82	13	37	0	18	319
		36.7	34.0	26.5	37.8	0.0	32.1	35.1
4		12	17	5	3	0	1	38
		2.6	7.1	10.2	3.1	0.0	1.8	4.2
5 STRONGLY AGREE		8	5	4	3	0	1	21
		1.7	2.1	8.2	3.1	0.0	1.8	2.3
COLUMN TOTAL		461	241	49	98	5	56	910
		50.7	26.5	5.4	10.8	0.5	6.2	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.115
RAW CHI SQUARE = 42.20450 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0026

NUMBER OF MISSING OBSERVATIONS = 144

ITEM46 AVAILABLE CLASS EQUIPMENT ADEQUATE

ITEM46	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC -HCPER 4	PUBLIC SERVICES 5	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE		8	8	5	1	0	2	24
		1.8	3.3	10.0	1.0	0.0	3.9	2.7
2		59	29	7	3	0	7	105
		13.4	12.1	14.0	3.0	0.0	13.7	11.9
3 AGREE		328	158	29	69	4	31	619
		74.5	65.8	58.0	69.7	80.0	60.8	69.9
4		36	32	5	19	1	7	98
		7.7	13.3	10.0	19.2	20.0	13.7	11.1
5 STRONGLY AGREE		11	13	4	7	0	4	39
		2.5	5.4	8.0	7.1	0.0	7.8	4.4
COLUMN TOTAL		440	240	50	99	5	51	885
		49.7	27.1	5.6	11.2	0.6	5.8	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.136
RAW CHI SQUARE = 45.87238 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0008

NUMBER OF MISSING OBSERVATIONS = 169

ITEM47 MOST COURSES REQUIRE OUT OF CLASS STUDY

ITEM47	COUNT / COL PCT	ORGSTRUC LIBERAL ARTS 1	BUSINESS 2	HEALTH SERVICES 3	FOOD SVC -HCPER 4	PUBLIC SERVICES 5	UNCLASSIFIED 6	ROW TOTAL
1 STRONGLY DISAGREE		4	1	0	2	0	0	7
		0.9	0.4	0.0	2.0	0.0	0.0	0.8
2		106	52	3	18	2	15	196
		23.0	21.8	6.1	17.6	40.0	27.3	21.5
3 AGREE		282	145	26	67	2	30	552
		61.2	60.7	53.1	65.7	40.0	54.5	60.6
4		51	37	11	13	1	7	120
		11.1	15.5	22.4	12.7	20.0	12.7	13.2
5 STRONGLY AGREE		18	4	9	2	0	3	36
		3.9	1.7	18.4	2.0	0.0	5.5	4.0
COLUMN TOTAL		461	239	49	102	5	55	911
		50.6	26.2	5.4	11.2	0.5	6.0	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.038
RAW CHI SQUARE = 49.35918 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0003

NUMBER OF MISSING OBSERVATIONS = 143

ITEM48 ENJOYED MOST OF COURSES AT KCC

ITEM48	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HCPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 STRONGLY DISAGREE		2	0	0	2	0	1	5
		0.4	0.0	0.0	2.1	0.0	1.9	0.6
2		46	27	3	3	0	5	84
		10.1	11.1	6.1	3.1	0.0	9.3	9.3
3 AGREE		324	150	29	62	4	28	597
		70.9	61.5	59.2	64.6	80.0	51.9	66.0
4		59	51	13	22	1	6	152
		12.9	20.9	26.5	22.9	20.0	11.1	16.8
5 STRONGLY AGREE		26	16	4	7	0	14	67
		5.7	6.6	8.2	7.3	0.0	25.9	7.4
COLUMN TOTAL		457	244	49	96	5	54	905
		50.5	27.0	5.4	10.6	0.6	6.0	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.028
RAW CHI SQUARE = 58.12517 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0000

NUMBER OF MISSING OBSERVATIONS = 149

ITEM49 SATISFIED WITH GENERAL ED. COURSES

ITEM49	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 STRONGLY DISAGREE		2	0	0	0	0	1	3
		0.4	0.0	0.0	0.0	0.0	1.9	0.3
2		27	12	4	4	0	4	51
		5.8	5.1	8.3	4.1	0.0	7.5	5.6
3 AGREE		360	166	29	67	5	27	654
		76.8	70.3	60.4	68.4	100.0	50.9	71.9
4		57	50	11	23	0	12	153
		12.2	21.2	22.9	23.5	0.0	22.6	16.8
5 STRONGLY AGREE		23	8	4	4	0	9	48
		4.9	3.4	8.3	4.1	0.0	17.0	5.3
COLUMN TOTAL		469	236	48	98	5	53	909
		51.6	26.0	5.3	10.8	0.6	5.8	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.017
RAW CHI SQUARE = 44.69026 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0012

NUMBER OF MISSING OBSERVATIONS = 145

ITEM410 SATISFIED WITH MAJOR FIELD COURSES

ITEM410	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 STRONGLY DISAGREE		2	1	0	1	0	1	5
		0.4	0.4	0.0	1.0	0.0	1.8	0.6
2		35	18	4	5	0	3	65
		7.8	7.3	8.0	5.0	0.0	5.5	7.2
3 AGREE		331	156	29	64	4	34	618
		73.9	63.2	58.0	63.4	80.0	61.8	68.2
4		56	56	11	25	1	8	157
		12.5	22.7	22.0	24.8	20.0	14.5	17.3
5 STRONGLY AGREE		24	16	6	6	0	9	61
		5.4	6.5	12.0	5.9	0.0	16.4	6.7
COLUMN TOTAL		448	247	50	101	5	55	906
		49.4	27.3	5.5	11.1	0.6	6.1	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.028
RAW CHI SQUARE = 34.16614 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0250

NUMBER OF MISSING OBSERVATIONS = 148

ITEM411 WANT TO LEARN HOW TO LEARN

ITEM411	ORGSTRUC: COUNT / COL PCT	1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		9	2	2	2	0	0	15
		2.0	0.8	4.2	2.1	0.0	0.0	1.7
2		40	20	5	7	2	7	81
		8.8	8.3	10.4	7.3	50.0	12.5	9.0
3 AGREE		264	140	28	59	1	29	521
		58.1	58.3	58.3	61.5	25.0	51.8	58.0
4		86	54	10	17	1	8	176
		18.9	22.5	20.8	17.7	25.0	14.3	19.6
5 STRONGLY AGREE		55	24	3	11	0	12	105
		12.1	10.0	6.3	11.5	0.0	21.4	11.7
COLUMN TOTAL		454	240	48	96	4	56	898
		50.6	26.7	5.3	10.7	0.4	6.2	100.0

10 OUT OF 30 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.067
RAW CHI SQUARE = 23.35316 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2718

NUMBER OF MISSING OBSERVATIONS = 156

ITEM412 MOST STUD. SET HIGH ACHIEVEMENT STANDARD

ITEM412	ORGSTRUC: COUNT / COL PCT	1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		2	1	1	1	0	0	5
		0.4	0.4	2.1	1.0	0.0	0.0	0.6
2		56	23	4	10	1	9	103
		12.1	9.7	8.3	10.0	20.0	18.0	11.4
3 AGREE		304	152	30	66	4	27	583
		65.5	63.9	62.5	66.0	80.0	54.0	64.4
4		83	45	10	16	0	10	164
		17.9	18.9	20.8	16.0	0.0	20.0	18.1
5 STRONGLY AGREE		19	17	3	7	0	4	50
		4.1	7.1	6.3	7.0	0.0	8.0	5.5
COLUMN TOTAL		464	238	48	100	5	50	905
		51.3	26.3	5.3	11.0	0.6	5.5	100.0

12 OUT OF 30 (40.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.028
RAW CHI SQUARE = 13.37415 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8608

NUMBER OF MISSING OBSERVATIONS = 149

ITEM413 STUDENTS FOLLOW COL. RULES, REGULATIONS

ITEM413	ORGSTRUC: COUNT / COL PCT	1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE		2	0	1	1	0	1	5
		0.4	0.0	2.0	1.0	0.0	1.8	0.5
2		40	25	2	5	1	5	78
		8.7	10.1	4.1	5.1	20.0	9.1	8.5
3 AGREE		340	170	36	70	3	39	658
		74.1	68.5	73.5	70.7	60.0	70.9	71.9
4		61	42	8	20	1	9	141
		13.3	16.9	16.3	20.2	20.0	16.4	15.4
5 STRONGLY AGREE		16	11	2	3	0	1	33
		3.5	4.4	4.1	3.0	0.0	1.8	3.6
COLUMN TOTAL		459	248	49	99	5	55	915
		50.2	27.1	5.4	10.8	0.5	6.0	100.0

15 OUT OF 30 (50.0%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.027
RAW CHI SQUARE = 14.98713 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7771

NUMBER OF MISSING OBSERVATIONS = 139

ITEM414 THERE IS FEELING OF OHANA AT KCC

ITEM414	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HCPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 STRONGLY DISAGREE		11	5	3	2	0	1	22
		2.4	2.1	6.5	2.0	0.0	2.0	2.5
2		103	38	7	14	0	10	172
		22.8	16.0	15.2	13.7	0.0	19.6	19.3
3 AGREE		289	150	29	59	3	31	561
		63.9	63.0	63.0	57.8	75.0	60.8	62.8
4		36	31	5	22	1	5	100
		8.0	13.0	10.9	21.6	25.0	9.8	11.2
5 STRONGLY AGREE		13	14	2	5	0	4	38
		2.9	5.9	4.3	4.9	0.0	7.8	4.3
COLUMN TOTAL		452	238	46	102	4	51	893
		50.6	26.7	5.2	11.4	0.4	5.7	100.0

11 OUT OF 30 (36.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.099
RAW CHI SQUARE = 31.94257 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0439

NUMBER OF MISSING OBSERVATIONS = 161

ITEM415 STUDENT'S COMPLAINT CHANNELS ACCESSIBLE

ITEM415	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HCPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 STRONGLY DISAGREE		14	3	2	2	0	0	21
		3.1	1.3	4.2	2.1	0.0	0.0	2.4
2		89	55	6	20	1	11	182
		20.0	24.2	12.5	21.1	20.0	22.9	20.9
3 AGREE		294	141	35	62	4	30	566
		65.9	62.1	72.9	65.3	80.0	62.5	65.1
4		40	25	3	8	0	5	81
		9.0	11.0	6.3	8.4	0.0	10.4	9.3
5 STRONGLY AGREE		9	3	2	3	0	2	19
		2.0	1.3	4.2	3.2	0.0	4.2	2.2
COLUMN TOTAL		446	227	48	95	5	48	869
		51.3	26.1	5.5	10.9	0.6	5.5	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.109
RAW CHI SQUARE = 13.07650 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8741

NUMBER OF MISSING OBSERVATIONS = 185

ITEM416 EASY TO HAVE COLLEGE RECORDS CORRECTED

ITEM416	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HCPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 STRONGLY DISAGREE		15	7	0	3	0	2	27
		3.6	3.2	0.0	3.3	0.0	4.5	3.3
2		97	35	10	17	2	11	172
		23.5	15.9	25.6	18.7	66.7	25.0	21.3
3 AGREE		269	157	27	61	1	27	542
		65.3	71.4	69.2	67.0	33.3	61.4	67.0
4		26	16	1	7	0	2	52
		6.3	7.3	2.6	7.7	0.0	4.5	6.4
5 STRONGLY AGREE		5	5	1	3	0	2	16
		1.2	2.3	2.6	3.3	0.0	4.5	2.0
COLUMN TOTAL		412	220	39	91	3	44	809
		50.9	27.2	4.8	11.2	0.4	5.4	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.059
RAW CHI SQUARE = 16.61115 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6781

NUMBER OF MISSING OBSERVATIONS = 245

ITEM417 PHYSICAL FACILITIES LESSENED ENJOYMENT

ITEM417	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		20	8	5	3	0	8	44
		4.6	3.6	11.1	3.4	0.0	17.4	5.2
2		154	73	10	26	1	17	281
		35.2	32.6	22.2	29.5	50.0	37.0	33.3
3 AGREE		220	116	22	52	1	17	428
		50.2	51.8	48.9	59.1	50.0	37.0	50.8
4		31	19	4	3	0	4	61
		7.1	8.5	8.9	3.4	0.0	8.7	7.2
5 STRONGLY AGREE		13	8	4	4	0	0	29
		3.0	3.6	8.9	4.5	0.0	0.0	3.4
COLUMN TOTAL		438	224	45	88	2	46	843
		52.0	26.6	5.3	10.4	0.2	5.5	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.069
RAW CHI SQUARE = 32.99982 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0337

NUMBER OF MISSING OBSERVATIONS = 211

ITEM418 DESIRED BOOKS & PERIOD. AVAIL. IN LIB.

ITEM418	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		29	5	0	5	0	3	42
		6.7	2.2	0.0	5.6	0.0	7.1	5.0
2		82	41	10	13	0	10	156
		18.8	18.4	22.7	14.4	0.0	23.8	18.7
3 AGREE		284	144	26	61	1	24	540
		65.1	64.6	59.1	67.8	100.0	57.1	64.6
4		31	26	4	7	0	3	71
		7.1	11.7	9.1	7.8	0.0	7.1	8.5
5 STRONGLY AGREE		10	7	4	4	0	2	27
		2.3	3.1	9.1	4.4	0.0	4.8	3.2
COLUMN TOTAL		436	223	44	90	1	42	836
		52.2	26.7	5.3	10.8	0.1	5.0	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.032
RAW CHI SQUARE = 21.86699 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.3478

NUMBER OF MISSING OBSERVATIONS = 218

ITEM419 LIBRARY'S EVENING HRS. SUFFICIENT

ITEM419	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 STRONGLY DISAGREE		17	3	1	4	0	2	27
		4.0	1.3	2.2	4.6	0.0	5.0	3.3
2		59	31	2	10	0	4	106
		14.0	13.8	4.4	11.5	0.0	10.0	12.9
3 AGREE		297	162	34	63	1	27	584
		70.4	72.0	75.6	72.4	50.0	67.5	71.1
4		37	22	5	6	1	5	76
		8.8	9.8	11.1	6.9	50.0	12.5	9.3
5 STRONGLY AGREE		12	7	3	4	0	2	28
		2.8	3.1	6.7	4.6	0.0	5.0	3.4
COLUMN TOTAL		422	225	45	87	2	40	821
		51.4	27.4	5.5	10.6	0.2	4.9	100.0

13 OUT OF 30 (43.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.066
RAW CHI SQUARE = 15.89614 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7230

NUMBER OF MISSING OBSERVATIONS = 233

ITEM420 AVAILABLE STUDENT ACTIVITIES SATISFACTRY

ITEM420	ORGSTRUC: LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOSPER	PUBLIC SERVICES	UNCLASSIFIED	ROW TOTAL
1 STRONGLY DISAGREE	23	9	2	6	0	1	41
	5.3	4.0	4.5	6.5	0.0	2.6	4.9
2	70	29	5	9	0	6	119
	16.1	12.9	11.4	9.8	0.0	15.4	14.2
3 AGREE	307	166	32	64	2	28	599
	70.7	73.8	72.7	69.6	100.0	71.8	71.7
4	30	18	3	11	0	3	65
	6.9	8.0	6.8	12.0	0.0	7.7	7.8
5 STRONGLY AGREE	4	3	2	2	0	1	12
	0.9	1.3	4.5	2.2	0.0	2.6	1.4
COLUMN TOTAL	434	225	44	92	2	39	836
	51.9	26.9	5.3	11.0	0.2	4.7	100.0

14 OUT OF 30 (46.7%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.029
RAW CHI SQUARE = 12.47673 WITH 20 DEGREES OF FREEDOM. SIGNIFICANCE = 0.8987

NUMBER OF MISSING OBSERVATIONS = 218

ITEM51 TUTORIAL SERVICES

ITEM51	ORGSTRUC: LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOSPER	PUBLIC SERVICES	UNCLASSIFIED	ROW TOTAL
1 DIDN'T KNOW	96	48	8	24	2	13	191
	23.4	21.3	18.2	26.7	50.0	28.3	23.3
2 KNEW.DID NOT USE	236	129	33	52	2	23	475
	57.6	57.3	75.0	57.8	50.0	50.0	58.
3 USED - SATISFIED	63	42	3	12	0	8	
	15.4	18.7	6.8	13.3	0.0	17.4	
4 USED-NOT SATISFD	15	6	0	2	0	2	2
	3.7	2.7	0.0	2.2	0.0	4.3	3.1
COLUMN TOTAL	410	225	44	90	4	46	819
	50.1	27.5	5.4	11.0	0.5	5.6	100.0

7 OUT OF 24 (29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.122
RAW CHI SQUARE = 12.86754 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6125

NUMBER OF MISSING OBSERVATIONS = 235

ITEM52 COOPERATIVE EDUCATION

ITEM52	ORGSTRUC: LIBERAL ARTS	BUSINESS	HEALTH SERVICES	FOOD SVC -HOSPER	PUBLIC SERVICES	UNCLASSIFIED	ROW TOTAL
1 DIDN'T KNOW	114	43	11	19	2	10	199
	28.2	19.5	25.0	21.1	50.0	22.7	24.7
2 KNEW.DID NOT USE	235	141	30	58	2	26	492
	58.2	64.1	68.2	64.4	50.0	59.1	61.0
3 USED - SATISFIED	46	34	3	12	0	8	103
	11.4	15.5	6.8	13.3	0.0	18.2	12.8
4 USED-NOT SATISFD	9	2	0	1	0	0	12
	2.2	0.9	0.0	1.1	0.0	0.0	1.5
COLUMN TOTAL	404	220	44	90	4	44	806
	50.1	27.3	5.5	11.2	0.5	5.5	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.060
RAW CHI SQUARE = 15.53793 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.4134

NUMBER OF MISSING OBSERVATIONS = 248

ITEM53 MATH LABS

ITEM53	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 DIDN'T KNOW		68	44	3	21	2	9	147
		16.6	19.8	6.7	23.6	50.0	19.1	18.0
2 KNEW,DID NOT USE		246	146	37	53	2	28	512
		60.1	65.8	82.2	59.6	50.0	59.6	62.7
3 USED - SATISFIED		77	27	4	13	0	8	129
		18.8	12.2	8.9	14.6	0.0	17.0	15.8
4 USED-NOT SATISFD		18	5	1	2	0	2	28
		4.4	2.3	2.2	2.2	0.0	4.3	3.4
COLUMN TOTAL		409	222	45	89	4	47	816
		50.1	27.2	5.5	10.9	0.5	5.8	100.0

7 OUT OF 24 (29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.137
RAW CHI SQUARE = 20.85683 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1415

NUMBER OF MISSING OBSERVATIONS = 238

ITEM54 WRITING LABS

ITEM54	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 DIDN'T KNOW		84	49	7	31	2	12	185
		20.7	22.0	16.3	35.6	50.0	26.7	22.9
2 KNEW,DID NOT USE		254	137	33	42	2	25	493
		62.6	61.4	76.7	48.3	50.0	55.6	61.0
3 USED - SATISFIED		63	35	3	12	0	7	120
		15.5	15.7	7.0	13.8	0.0	15.6	14.9
4 USED-NOT SATISFD		5	2	0	2	0	1	10
		1.2	0.9	0.0	2.3	0.0	2.2	1.2
COLUMN TOTAL		406	223	43	87	4	45	808
		50.2	27.6	5.3	10.8	0.5	5.6	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.050
RAW CHI SQUARE = 18.65080 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.2300

NUMBER OF MISSING OBSERVATIONS = 246

ITEM55 CAREER PLANNING

ITEM55	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLAS-SIFIED	ROW TOTAL
1 DIDN'T KNOW		95	51	5	15	2	10	178
		23.4	23.1	11.6	17.0	50.0	22.2	22.1
2 KNEW,DID NOT USE		236	132	35	48	2	26	479
		58.1	59.7	81.4	54.5	50.0	57.8	59.4
3 USED - SATISFIED		61	34	3	25	0	9	132
		15.0	15.4	7.0	28.4	0.0	20.0	16.4
4 USED-NOT SATISFD		14	4	0	0	0	0	18
		3.4	1.8	0.0	0.0	0.0	0.0	2.2
COLUMN TOTAL		406	221	43	88	4	45	807
		50.3	27.4	5.3	10.9	0.5	5.6	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.089
RAW CHI SQUARE = 27.62779 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0240

NUMBER OF MISSING OBSERVATIONS = 247

ITEM56 VOCATIONAL - INTEREST TESTING

ITEM56	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 DIDN'T KNOW		129	77	7	22	2	10	247
		32.3	35.0	16.3	26.2	50.0	22.2	31.0
2 KNEW.DID NOT USE		207	112	28	45	2	28	422
		51.8	50.9	65.1	53.6	50.0	62.2	53.0
3 USED - SATISFIED		54	26	7	15	0	7	109
		13.5	11.8	16.3	17.9	0.0	15.6	13.7
4 USED-NOT SATISFD		10	5	1	2	0	0	18
		2.5	2.3	2.3	2.4	0.0	0.0	2.3
COLUMN TOTAL		400	220	43	84	4	45	796
		50.3	27.6	5.4	10.6	0.5	5.7	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.090
RAW CHI SQUARE = 12.49738 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.6411

NUMBER OF MISSING OBSERVATIONS = 258

ITEM57 CAREER RESOURCES LIBRARY

ITEM57	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 DIDN'T KNOW		136	61	8	26	2	16	249
		33.8	27.7	18.6	29.9	50.0	36.4	31.1
2 KNEW.DID NOT USE		205	104	23	42	2	23	399
		51.0	47.3	53.5	48.3	50.0	52.3	49.9
3 USED - SATISFIED		54	51	11	19	0	5	140
		13.4	23.2	25.6	21.8	0.0	11.4	17.5
4 USED-NOT SATISFD		7	4	1	0	0	0	12
		1.7	1.8	2.3	0.0	0.0	0.0	1.5
COLUMN TOTAL		402	220	43	87	4	44	800
		50.3	27.5	5.4	10.9	0.5	5.5	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.060
RAW CHI SQUARE = 19.99448 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.1721

NUMBER OF MISSING OBSERVATIONS = 254

ITEM58 CAREER WORKSHOPS

ITEM58	COUNT / COL PCT	ORGSTRUC 1 LIBERAL ARTS	2 BUSINESS	3 HEALTH SERVICES	4 FOOD SVC -HOPER	5 PUBLIC SERVICES	6 UNCLASSIFIED	ROW TOTAL
1 DIDN'T KNOW		170	86	7	27	2	15	307
		42.6	39.1	16.7	31.0	50.0	33.3	38.5
2 KNEW.DID NOT USE		199	109	29	47	2	27	413
		49.9	49.5	69.0	54.0	50.0	60.0	51.8
3 USED - SATISFIED		25	24	6	12	0	3	70
		6.3	10.9	14.3	13.8	0.0	6.7	8.8
4 USED-NOT SATISFD		5	1	0	1	0	0	7
		1.3	0.5	0.0	1.1	0.0	0.0	0.9
COLUMN TOTAL		399	220	42	87	4	45	797
		50.1	27.6	5.3	10.9	0.5	5.6	100.0

11 OUT OF 24 (45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.035
RAW CHI SQUARE = 22.74030 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0898

NUMBER OF MISSING OBSERVATIONS = 257

ITEM515 SPECIALIZED SERVICES FOR FOREIGN STUD.

ITEM515	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HCPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DION'T KNOW	128	65	11	27	2	16	249
	39.3	34.9	28.9	33.3	50.0	41.0	36.9
2 KNEW,DID NOT USE	176	102	23	46	2	19	368
	54.0	54.8	60.5	56.8	50.0	48.7	54.6
3 USED - SATISFIED	19	17	4	7	0	4	51
	5.8	9.1	10.5	8.6	0.0	10.3	7.6
4 USED-NOT SATISFD	3	2	0	1	0	0	6
	0.9	1.1	0.0	1.2	0.0	0.0	0.9
COLUMN TOTAL	326	186	38	81	4	39	674
	48.4	27.6	5.6	12.0	0.6	5.8	100.0

11 OUT OF 24 (45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.036
RAW CHI SQUARE = 6.63580 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9670

NUMBER OF MISSING OBSERVATIONS = 380

ITEM516 SPECIALIZED SERV. FOR HANDICAPPED STUD.

ITEM516	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HCPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DION'T KNOW	123	65	10	27	2	11	238
	38.2	35.5	26.3	33.3	50.0	29.7	35.8
2 KNEW,DID NOT USE	179	105	24	47	2	23	380
	55.6	57.4	63.2	58.0	50.0	62.2	57.1
3 USED - SATISFIED	17	11	4	7	0	3	42
	5.3	6.0	10.5	8.6	0.0	8.1	6.3
4 USED-NOT SATISFD	3	2	0	0	0	0	5
	0.9	1.1	0.0	0.0	0.0	0.0	0.8
COLUMN TOTAL	322	183	38	81	4	37	665
	48.4	27.5	5.7	12.2	0.6	5.6	100.0

11 OUT OF 24 (45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.030
RAW CHI SQUARE = 7.20927 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.9516

NUMBER OF MISSING OBSERVATIONS = 389

ITEM6 HOW WELL DO YOU LIKE ATTENDING KCC?

ITEM6	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HCPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DON'T LIKE IT	11	4	2	4	0	3	24
	2.4	1.6	4.3	4.0	0.0	5.2	2.6
2 FEEL NEUTRAL	182	84	18	31	1	14	330
	39.1	33.5	39.1	30.7	20.0	24.1	35.6
3 LIKE IT	239	143	19	50	4	30	485
	51.3	57.0	41.3	49.5	80.0	51.7	52.3
4 AM ENTHUSIASTIC	34	20	7	16	0	11	88
	7.3	8.0	15.2	15.8	0.0	19.0	9.5
COLUMN TOTAL	466	251	46	101	5	58	927
	50.3	27.1	5.0	10.9	0.5	6.3	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.129
RAW CHI SQUARE = 27.07935 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0281

NUMBER OF MISSING OBSERVATIONS = 127

ITEM59 CAREER EXPLORATION COURSE

ITEM59	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW		177	97	9	29	2	16	330
		44.6	44.7	21.4	33.7	50.0	36.4	41.8
2 KNEW,DID NOT USE		194	97	27	45	2	24	389
		48.9	44.7	64.3	52.3	50.0	54.5	49.2
3 USED - SATISFIED		20	21	6	12	0	4	63
		5.0	9.7	14.3	14.0	0.0	9.1	8.0
4 USED-NOT SATISFD		6	2	0	0	0	0	8
		1.5	0.9	0.0	0.0	0.0	0.0	1.0
COLUMN TOTAL		397	217	42	86	4	44	790
		50.3	27.5	5.3	10.9	0.5	5.6	100.0

11 OUT OF 24 (45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.041
RAW CHI SQUARE = 24.53235 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0566

NUMBER OF MISSING OBSERVATIONS = 264

ITEM510 STUDY SKILLS MODULES

ITEM510	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW		171	73	11	26	2	19	302
		42.5	33.3	25.6	29.9	50.0	43.2	37.8
2 KNEW,DID NOT USE		175	100	18	49	2	19	363
		43.5	45.7	41.9	56.3	50.0	43.2	45.4
3 USED - SATISFIED		52	42	13	10	0	5	122
		12.9	19.2	30.2	11.5	0.0	11.4	15.3
4 USED-NOT SATISFD		4	4	1	2	0	1	12
		1.0	1.8	2.3	2.3	0.0	2.3	1.5
COLUMN TOTAL		402	219	43	87	4	44	799
		50.3	27.4	5.4	10.9	0.5	5.5	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.060
RAW CHI SQUARE = 23.38963 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0762

NUMBER OF MISSING OBSERVATIONS = 255

ITEM511 INFO SESSIONS ON COLLEGE SERVICES

ITEM511	COUNT / COL PCT	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW		156	74	11	25	2	22	290
		39.3	33.9	25.6	28.7	50.0	50.0	36.6
2 KNEW,DID NOT USE		188	104	26	46	2	17	383
		47.4	47.7	60.5	52.9	50.0	38.6	48.3
3 USED - SATISFIED		46	34	5	15	0	4	104
		11.6	15.6	11.6	17.2	0.0	9.1	13.1
4 USED-NOT SATISFD		7	6	1	1	0	1	16
		1.8	2.8	2.3	1.1	0.0	2.3	2.0
COLUMN TOTAL		397	218	43	87	4	44	793
		50.1	27.5	5.4	11.0	0.5	5.5	100.0

8 OUT OF 24 (33.3%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.081
RAW CHI SQUARE = 14.25176 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.5065

NUMBER OF MISSING OBSERVATIONS = 261

ITEM512 LIBRARY STAFF SERVICES

ITEM512	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW	111 / 27.7	62 / 28.1	5 / 11.9	20 / 22.7	2 / 50.0	11 / 25.0	211 / 26.4
2 KNEW,DID NOT USE	183 / 45.6	100 / 45.2	20 / 47.6	40 / 45.5	2 / 50.0	22 / 50.0	367 / 45.9
3 USED - SATISFIED	96 / 23.9	55 / 24.9	16 / 38.1	26 / 29.5	0 / 0.0	10 / 22.7	203 / 25.4
4 USED-NOT SATISFD	11 / 2.7	4 / 1.8	1 / 2.4	2 / 2.3	0 / 0.0	1 / 2.3	19 / 2.4
COLUMN TOTAL	401 / 50.1	221 / 27.6	42 / 5.3	88 / 11.0	4 / 0.5	44 / 5.5	800 / 100.0

7 OUT OF 24 (29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.095
RAW CHI SQUARE = 10.77570 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7683

NUMBER OF MISSING OBSERVATIONS = 254

ITEM513 LIBRARY ORIENTATION SESSIONS

ITEM513	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW	154 / 39.1	87 / 39.5	6 / 14.3	27 / 31.0	2 / 50.0	17 / 38.6	293 / 37.0
2 KNEW,DID NOT USE	175 / 44.4	94 / 42.7	19 / 45.2	41 / 47.1	2 / 50.0	19 / 43.2	350 / 44.2
3 USED - SATISFIED	55 / 14.0	37 / 16.8	15 / 35.7	16 / 18.4	0 / 0.0	7 / 15.9	130 / 16.4
4 USED-NOT SATISFD	10 / 2.5	2 / 0.9	2 / 4.8	3 / 3.4	0 / 0.0	1 / 2.3	18 / 2.3
COLUMN TOTAL	394 / 49.8	220 / 27.8	42 / 5.3	87 / 11.0	4 / 0.5	44 / 5.6	791 / 100.0

7 OUT OF 24 (29.2%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.091
RAW CHI SQUARE = 23.61565 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.0719

NUMBER OF MISSING OBSERVATIONS = 263

ITEM514 SPECIALIZED SERVICES FOR VETERANS

ITEM514	ORGSTRUC: LIBERAL ARTS (1)	BUSINESS (2)	HEALTH SERVICES (3)	FOOD SVC -HOPER (4)	PUBLIC SERVICES (5)	UNCLASSIFIED (6)	ROW TOTAL
1 DIDN'T KNOW	134 / 40.5	74 / 40.0	11 / 28.9	34 / 42.5	2 / 50.0	14 / 36.8	269 / 39.8
2 KNEW,DID NOT USE	164 / 49.5	97 / 52.4	21 / 55.3	35 / 43.8	2 / 50.0	20 / 52.6	339 / 50.1
3 USED - SATISFIED	28 / 8.5	12 / 6.5	6 / 15.8	11 / 13.8	0 / 0.0	4 / 10.5	61 / 9.0
4 USED-NOT SATISFD	5 / 1.5	2 / 1.1	0 / 0.0	0 / 0.0	0 / 0.0	0 / 0.0	7 / 1.0
COLUMN TOTAL	331 / 49.0	185 / 27.4	38 / 5.6	80 / 11.8	4 / 0.6	38 / 5.6	676 / 100.0

11 OUT OF 24 (45.8%) OF THE VALID CELLS HAVE EXPECTED CELL FREQUENCY LESS THAN 5.0.
MINIMUM EXPECTED CELL FREQUENCY = 0.041
RAW CHI SQUARE = 10.79724 WITH 15 DEGREES OF FREEDOM. SIGNIFICANCE = 0.7648

NUMBER OF MISSING OBSERVATIONS = 378

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